

IN THE CLAIMS

1. (currently amended) A process for the production of wood material bodies which have one or more layers of strands wetted with a binding agent system,

characterised in that the binding agent system has one or more thermosettingly hardening components with a first thermosettingly curing binding agent and a second thermosettingly hardening binding agent which cures at at least one of higher temperature and higher pressure conditions than the first thermosetting binding agent, the process comprising:

pressing ~~and the~~ strands wetted with the binding agent system ~~are pressed~~ in a first stage under first temperature and pressure conditions which do not allow complete but only partial curing of the first thermosetting binding agent to produce a shapeable wood material body; and

pressing the ~~a post~~ shapeable wood material body produced in the first stage ~~that way is pressed~~ into a predetermined shape in a second stage under second temperature and pressure conditions which allow final curing of the first and second thermosetting binding agents.

2. (currently amended) A process for the production of ~~post~~ shapeable wood material bodies which have one or more layers of strands wetted with a binding agent system,

characterised in that the binding agent system contains a first thermosettingly curing binding agent and a second thermosettingly hardening binding agent which cures at at least one of higher temperature and higher pressure conditions than the first thermosetting binding agent, the process comprising:

pressing ~~and the~~ strands wetted with the binding agent system ~~are pressed~~ under temperature and pressure conditions which do not allow complete but only partial curing of the first thermosetting

binding agent to produce a wood material body, wherein the wood material body is shapeable into a predetermined shape when subjected to the at at least one of higher temperature and higher pressure conditions.

3. (currently amended) A process for the production of wood material bodies which have one or more layers of strands wetted with a binding agent system, the process comprising:

~~characterised in that~~

pressing a ~~post-shapeable~~ wood material body with a binding agent system which contains a first thermosettingly curing binding agent and a second thermosettingly hardening binding agent which cures at at least one of higher temperature and higher pressure conditions than the first thermosetting binding agent, wherein the first thermosettingly curing binding agent is present in the ~~post-shapeable~~ wood material body not in complete but in only partially cured form such that the wood material body is shapeable into a predetermined shape when subjected to the at at least one of higher temperature and higher pressure conditions, into ~~is pressed in a second stage to a~~ the predetermined shape under temperature and pressure conditions which allow final curing of the first and second thermosetting binding agents.

4. (previously presented) A process as set forth in claim 1, characterised in that the thermosettingly hardening binding agent system is modified by a third binding agent comprising a natural adhesive.

5. (previously presented) A process as set forth in claim 1, characterised in that at least one of the first and the second thermosettingly hardening binding agents comprises the group of UF, MUF, MUPF, PF, PUF, RPF, RPUF, PMF and MF resins, wherein the central layer strands and the cover layer strands are glued with at least one of the same and different binding agents from that group.

6. (previously presented) A process as set forth in claim 1, characterised in that the binding agent system is supplemented by isocyanate-based adhesives.

7. (original) A process as set forth in claim 1 characterised in that pressing of the strands in the first stage is effected at a pressure which is at least 10 bars lower than in the second stage.

8. (previously presented) A process as set forth in claim 1, characterised in that pressing in the first stage is effected at a temperature of less than 120°C and pressing in the second stage is effected at a temperature of greater than 150°C.

9. (previously presented) A process as set forth in claim 1, characterised in that the binding agent system has a combination of binding agents in powder form.

10. (previously presented) A process as set forth in claim 1, characterised in that the binding agent system has a combination of liquid binding agents.

11. (previously presented) A process as set forth in claim 1, characterised in that at least one of (i) the first binding agent is liquid and the second binding agent is in powder form and (ii) the second binding agent is liquid and the first binding agent is in powder form.

12. (currently amended) A ~~post-shapeable~~ wood material body which has one or more layers of strands wetted with a binding agent system,

characterised in that

the binding agent system has a first thermosettingly curing binding agent and a second thermosettingly hardening agent which cures at at least one of higher temperature and higher pressure conditions than the first thermosetting binding agent, wherein ~~and~~ the first thermosettingly curing binding agent is present in the

~~post-shapeable~~ wood material body not in complete but in only partially cured form, such that the wood material body is shapeable into a predetermined shape when subjected to temperature and pressure conditions which allow final curing of the first thermosettingly curing binding agent and the second thermosettingly hardening agent.

13. (currently amended) A wood material body having one or more layers of strands wetted with a binding agent system,

characterised in that

the binding agent system contains a combination of a first thermosettingly curing binding agent and a second thermosettingly curing binding agent, wherein the second thermosettingly curing binding agent cures at higher temperatures and pressures than the first thermosettingly curing binding agent, wherein the wood material has a predetermined shape obtained by shaping of the wood material during final curing of the first thermosettingly curing binding agent, which is present in the wood material body not in complete but in only partially cured form, and the second thermosettingly hardening binding agent ~~are finally cured~~ at the higher temperatures and pressures.

14. (previously presented) The process of claim 4, wherein the natural adhesive includes at least one of a protein product and a starch-bearing product.

15. (previously presented) The process of claim 13, wherein the binding agent system comprises a combination of a first thermosettingly hardened binding agent and a natural adhesive.

16. (previously presented) The process of claim 15, wherein the natural adhesive includes at least one of a protein product and a starch-bearing product.